AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claim 1 (Amended): A disk apparatus for setting to a counter a count value corresponding to the number of tracks to jump over, subtracting the count value each time a rising or trailing edge is detected in a tracking zero-cross signal, and applying brake to finish jump when the count value reaches 0, comprising:

a direction determiner for determining in which one a pickup is to move in an outward direction or in an inward direction of a disk;

a level determiner for determining a level of the tracking zero-cross signal; and

an incrementer for incrementing the count value of said counter depending upon the moving direction and the level of the tracking zero-cross signal determined by said level determiner.

Claim 2 (Previously Presented): A disk apparatus according to claim 1, further including a track determiner to determine to which one jump is to be made of a land or a groove.

Claim 3 (Canceled).

Claim 4 (Previously Presented): A disk apparatus according to claim 2, wherein, where said pickup is moving in the outward direction of said disk, said incrementer increments the count value when the land is determined and the level is in a low level, and increments the count value when the groove is determined and the level is in a high level.

Claim 5 (Previously Presented): A disk apparatus according to claim 2, wherein, where said pickup is moving in the inward direction of the disk, said incrementer increments the count value when the land is determined and the level is in a high level, and increments the count value when the groove is determined and the level is in a low level.

Claim 6 (Previously Presented): A disk apparatus according to claim 1, wherein said level determiner determines the level when the count value reaches a predetermined value.

Claim 7 (Previously Presented): A disk apparatus according to claim 1, wherein said level determiner determines the level prior to setting the count value and starting jump.